

Figure 1A and Figure 1B

FIG. 1A

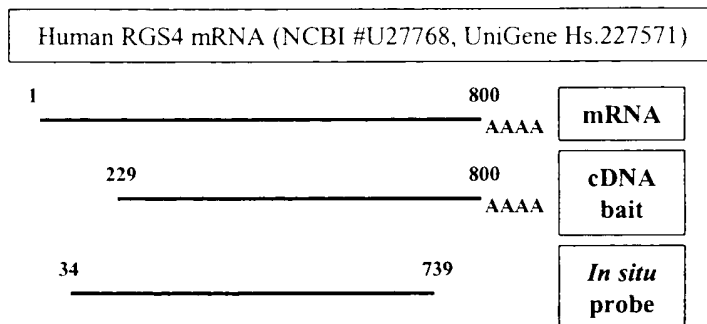


FIG. 1B

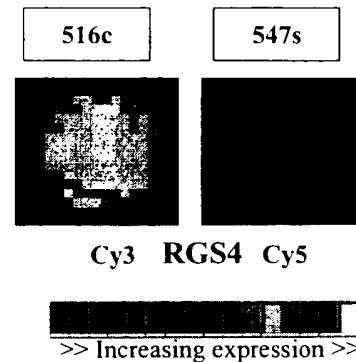
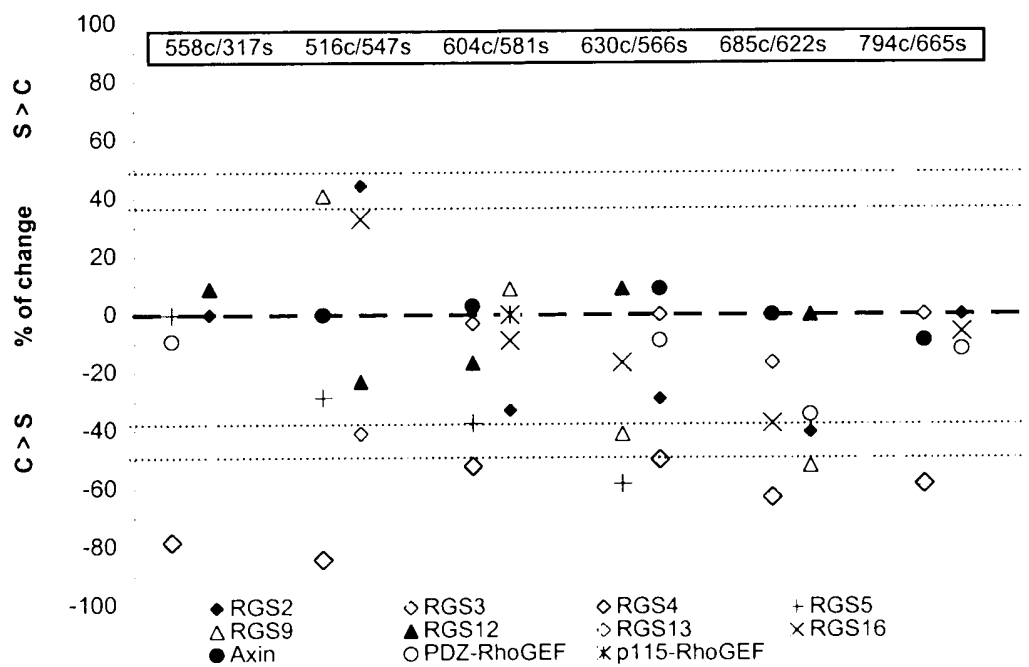
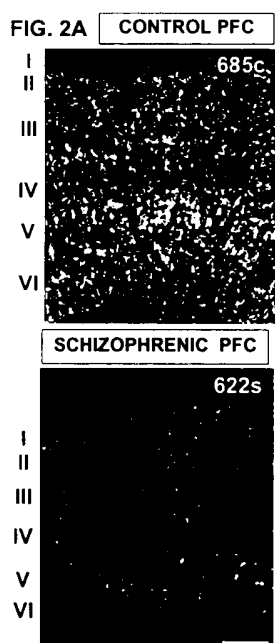


Fig 1C.

RGS expression in PFC - cDNA microarray





**FIG. 2B**

Mean corrected OD (3 runs)

0.2  
0.18  
0.16  
0.14  
0.12  
0.1  
0.08  
0.06  
0.04  
0.02

**RGS4 - PFC SCH *in situ* hybridization**

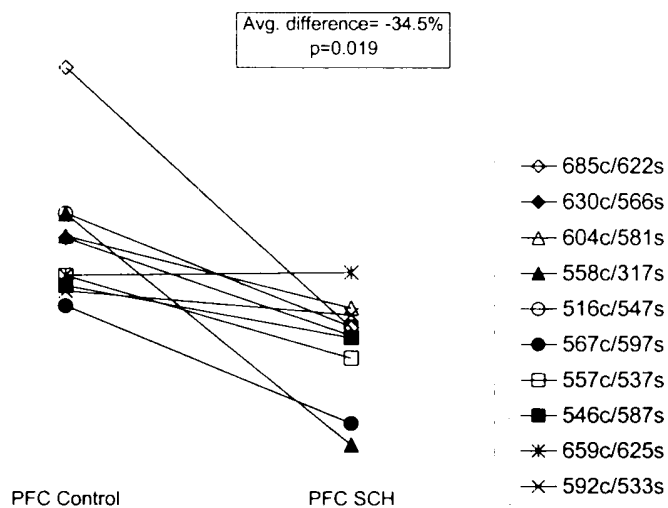


Fig. 3A.

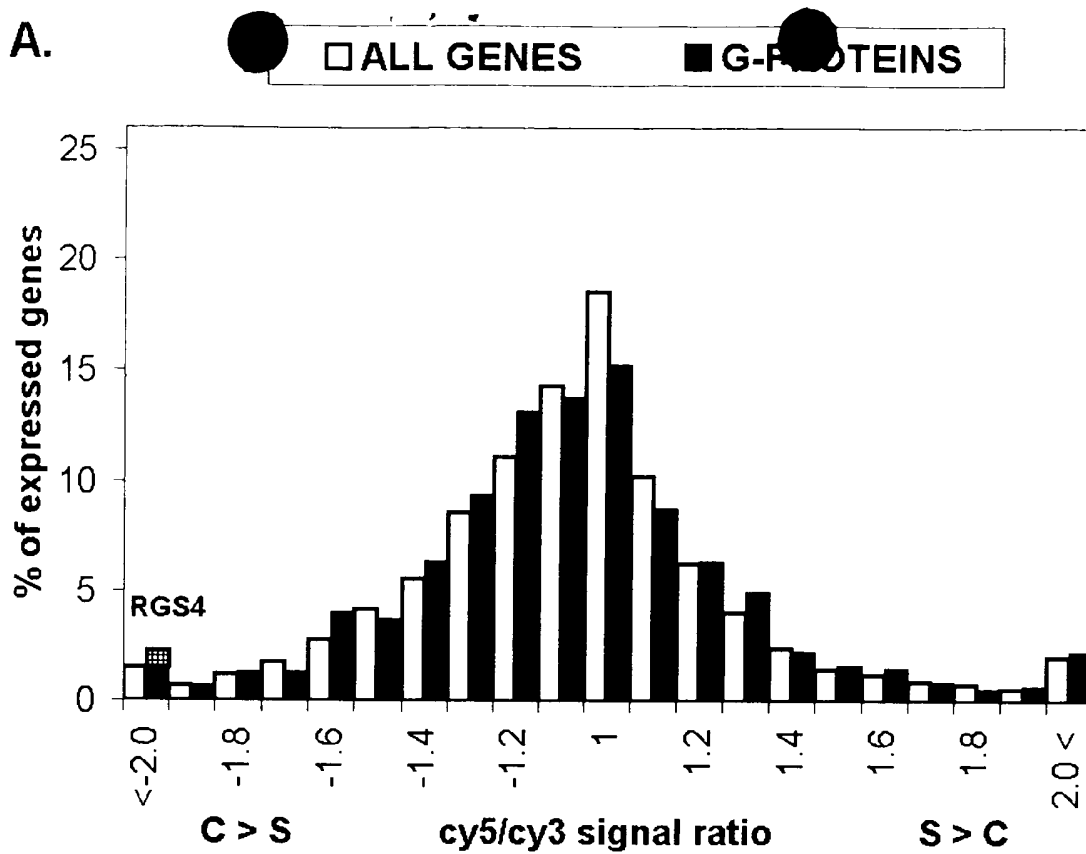


FIG. 3B

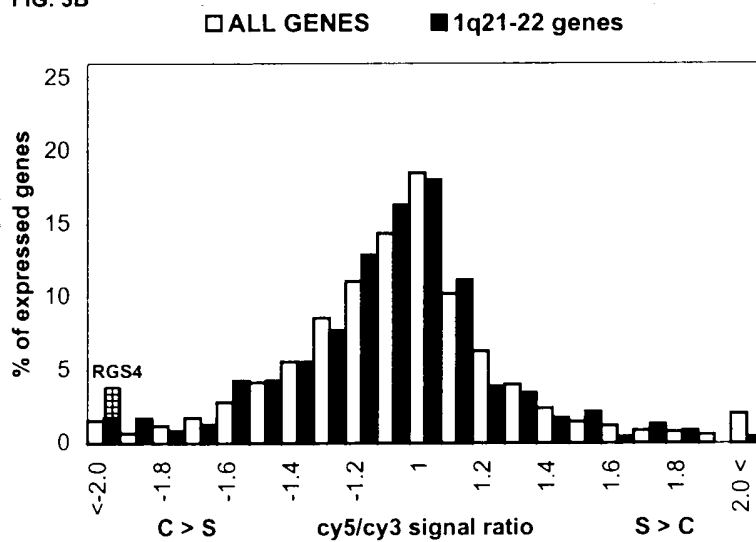


FIG. 4A CONTROL VC

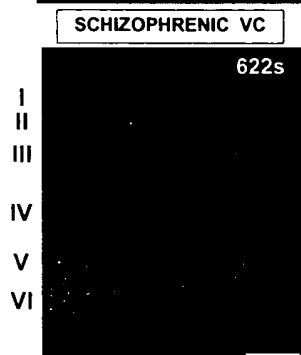
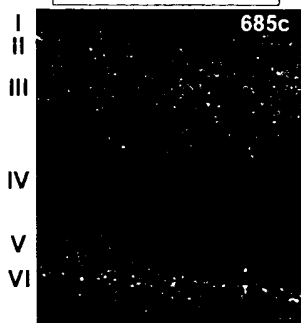
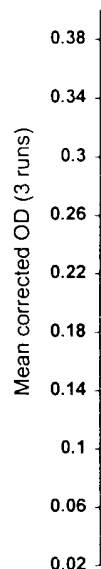


FIG. 4B



RGS4 - VC SCH - *in situ* hybridization

Avg. difference = -32.8%  
p=0.012

VC Control

VC SCH

- ◇ 685c/622d
- ◆ 630c/566s
- △ 604c/581s
- ▲ 558c/317s
- 516c/547s
- 567c/597s
- 557c/537s
- 546c/587s
- ✱ 659c/625s
- ✱ 592c/533s

FIG. 4C CONTROL MC

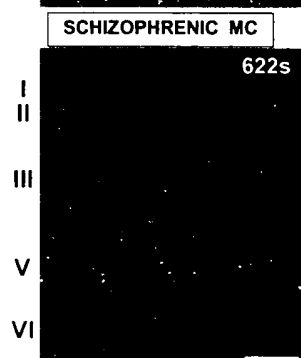
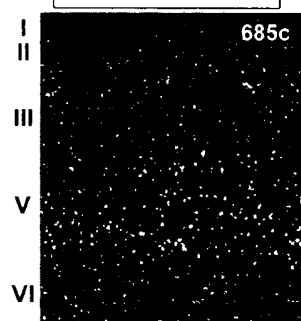
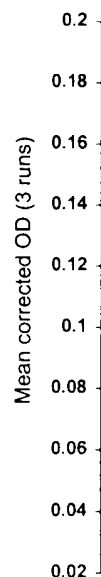


FIG. 4D



RGS4 - MC SCH - *in situ* hybridization

Avg. difference = -34.2%  
p=0.006

MC Control

MC SCH

- ◇ 685c/622d
- ◆ 630c/566s
- △ 604c/581s
- ▲ 794c/665s
- 516c/547s
- 567c/597s
- 557c/537s
- 546c/587s
- ✱ 659c/625s
- ✱ 592c/533s

# RGS4 EXPRESSION DIFFERENCE ACROSS SUBJECT PAIRS

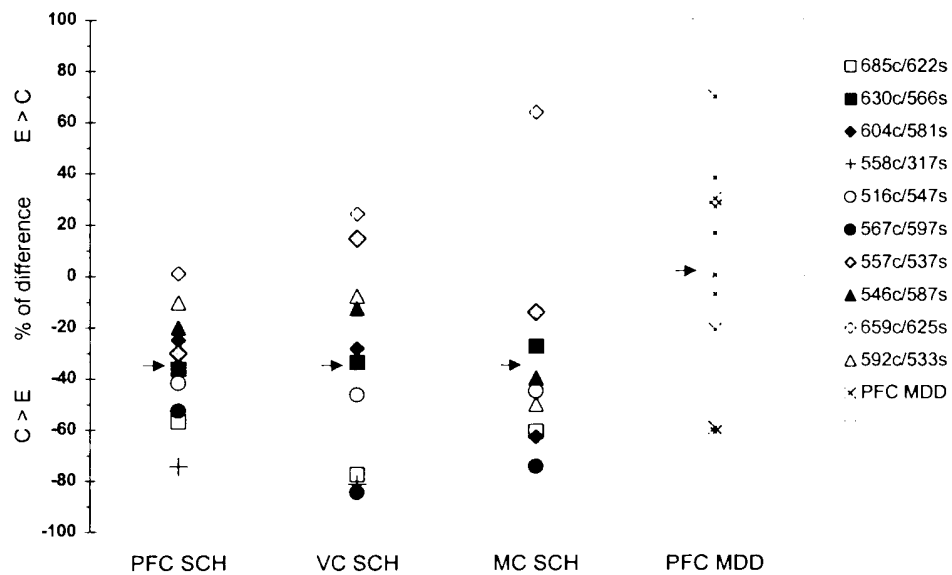
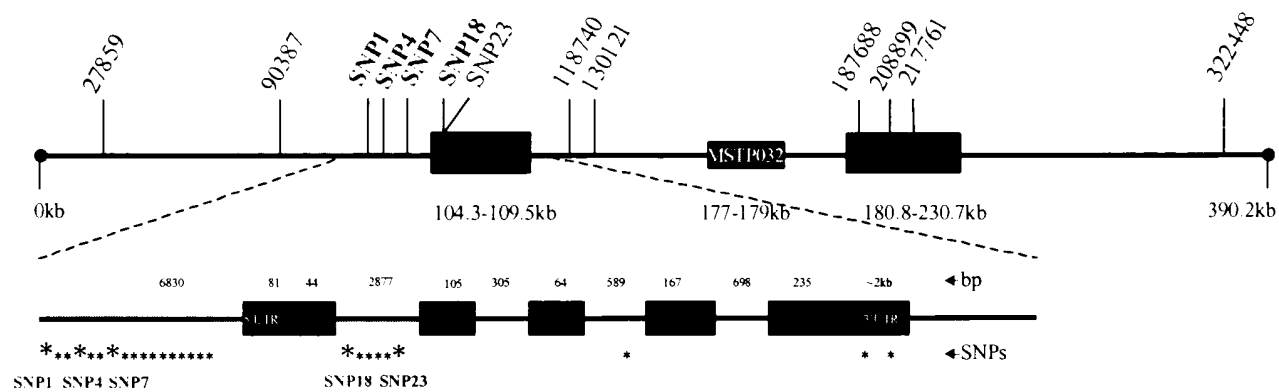


Figure 5



**Figure 6.**